

PATENT ABSTRACTS OF JAPAN

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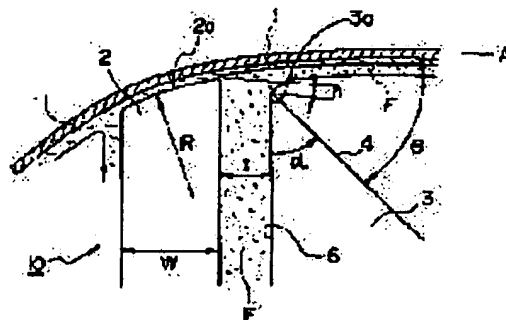
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(54) COATING APPARATUS

(57)Abstract:

PURPOSE: To obtain a coating apparatus capable of uniformizing a coating thickness by avoiding the contamination of a coating head with a coating solution in a coating process and suppressing the generation of a stripe.

CONSTITUTION: An extrusion type coating apparatus 10 emits a coating solution F from the slit 6 between a front edge 2 positioned on the upstream side in a support moving direction and the back edge 3 whose leading end part has an acute angle positioned on the downstream side in the support moving direction and retreating in the direction opposite to the support so that the leading end thereof has difference in level with respect to the front edge 2 to apply the same to the support in a state sealed with the precoat solution 11 based on an org. solvent preliminarily applied to the surface to be coated of the support 1. The leading end part 3a of at least the back edge of the leading end part of a head is constituted so that the contact angle with ion exchange water becomes 35° or more.



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